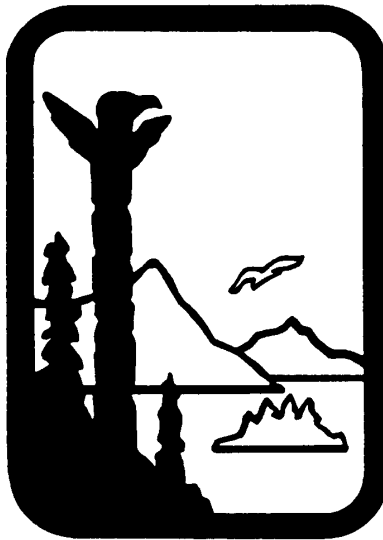


# DEPARTMENT OF ENVIRONMENTAL CONSERVATION



18 AAC 70

## WATER QUALITY STANDARDS

Amended as of **insert date**

**Site Specific Criteria for Bass Creek, Middle Creek,  
Lone Creek tributaries of the Chuit River, and Lower Chuit River  
to Tidewater Terminus**

Public Notice Draft

July 10, 2014

Internal DRAFT – Do not cite or circulate

18 AAC 70.236(b) is amended by adding new subsections to read:

**18 AAC 70.236. Waterbodies subject to site-specific criteria.**

(b) Waterbodies subject to site-specific criteria, and the applicable site-specific criteria, are:

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18 AAC 70.236(b) WATERSHED  TYPE/NAME NUMBER*		LATITUDE LONGITUDE**	LOCATION	REACH OF WATER AFFECTED	WATER QUALITY PARAMETER	DESIGNATED USE CLASS AFFECTED	SITE-SPECIFIC CRITERIA
(6) Bass Creek	19020602	61°08' 45" N 151°26' 55" W  Set at the confluence with the Chuit River.	Tributary of the Chuit River near Tyonek	From the headwaters to the Chuit River confluence	Aluminum	(1)(A)(iii) (1)(C)	650 µg/l (chronic) measured as total metal
					Copper	(1)(A)(iii) (1)(C)	17 µg/l (chronic) 22 µg/l (acute) measured as dissolved metal
					Zinc	(1)(A)(iii) (1)(C)	43 µg/l (chronic) 43 µg/l (acute) measured as dissolved metal
					Manganese	(1)(A)(i) (1)(A)(iii) (1)(C)	300 µg/l (water and aquatic organisms) 300 µg/l (aquatic organisms only) measured as a total metal
(7) Middle Creek	19020601	61°07' 19" N 151°21' 15" W  Set at the confluence with the Chuit River.	Tributary of the Chuit River near Tyonek	From the headwaters to the Chuit River confluence	Aluminum	(1)(A)(iii) (1)(C)	650 µg/l (chronic) measured as total metal
					Copper	(1)(A)(iii) (1)(C)	17 µg/l (chronic) 22 µg/l (acute) measured as dissolved metal
					Zinc	(1)(A)(iii) (1)(C)	43 µg/l (chronic) 43 µg/l (acute) measured as dissolved metal

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18 AAC 70.236(b) WATERSHED  TYPE/NAME NUMBER*		LATITUDE LONGITUDE**	LOCATION	REACH OF WATER AFFECTED	WATER QUALITY PARAMETER	DESIGNATED USE CLASS AFFECTED	SITE-SPECIFIC CRITERIA
					Manganese	(1)(A)(i) (1)(A)(iii) (1)(C)	300 µg/l (water and aquatic organisms) 300 µg/l (aquatic organisms only) measured as a total metal
(8) Lone Creek	19020601	61°08' 45" N 151°18' 21" W  Set at the confluence with the Chuit River.	Tributary of the Chuit River near Tyonek	From the headwaters to the Chuit River confluence	Aluminum	(1)(A)(iii) (1)(C)	650 µg/l (chronic) measured as total metal
					Copper	(1)(A)(iii) (1)(C)	17 µg/l (chronic) 22 µg/l (acute) measured as dissolved metal
					Zinc	(1)(A)(iii) (1)(C)	43 µg/l (chronic) 43 µg/l (acute) measured as dissolved metal
					Manganese	(1)(A)(i) (1)(A)(iii) (1)(C)	300 µg/l (water and aquatic organisms) 300 µg/l (aquatic organisms only) measured as a total metal
(9) Chuit River- Lower Main Stem	19020601	61°08' 45" N 151°18' 21" W  Set at the confluence with Bass Creek.	Chuit River near Tyonek	From Confluence of Bass Creek to the tidewater terminus	Aluminum	(1)(A)(iii) (1)(C)	650 µg/l (chronic) measured as total metal
					Manganese	(1)(A)(i) (1)(A)(iii) (1)(C)	300 µg/l (water and aquatic organisms) 300 µg/l (aquatic organisms only) measured as a total metal

\* Watershed numbers refer to watersheds established by the United States Department of Interior, Geological Survey "Hydrologic Unit Map - 1987 State of Alaska," adopted by reference. This document is for sale by the United States Geological Survey, Fairbanks, Alaska 99701; Denver, Colorado 80225; or Reston, Virginia 22092. This document is on file in the Lieutenant Governor's Office and may be seen at the department's Anchorage, Fairbanks, and Juneau offices.

\*\* River latitudes and longitudes are set at the downstream end of the affected river reach.